

## Unit 1 Background

Students should have had many opportunities to investigate place value. A strong understanding of place value is critical for the developed number sense and the work that involves rounding numbers. Building on understandings of the place value of digits in multi-digit numbers, place value is used to round whole numbers. The learning of rules should be eliminated with strategies such as the use of a number line to determine which multiple of 10 or of 100 a number is closer. (5 or more rounds up, less than 5 rounds down).

Students will have prior knowledge related to the concepts and skills identified below:

- place value
- standard number forms
- expanded number forms
- modeling addition
- modeling subtraction
- addition properties
- subtraction properties
- conceptual understanding of multiplication
- interpreting pictographs
- interpreting bar graphs
- organizing and recording data using objects, pictures, pictographs, bar graphs, and simple charts/tables
- data analysis